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FILE 'HOME' ENTERED AT 08:08:06 ON 08 NOV 2005

=> file reg  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:08:26 ON 08 NOV 2005  
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STRUCTURE FILE UPDATES: 6 NOV 2005 HIGHEST RN 866821-44-5  
DICTIONARY FILE UPDATES: 6 NOV 2005 HIGHEST RN 866821-44-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
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\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> E "MEBENDAZOLE"/CN 25  
E1 1 MEBAVIN/CN  
E2 1 MEBEDROL/CN  
E3 1 --> MEBENDAZOLE/CN  
E4 1 MEBENDAZOLE NITRATE/CN  
E5 1 MEBENFORMIN/CN  
E6 1 MEBENIL/CN  
E7 1 MEBENIT/CN  
E8 1 MEBENOSIDE/CN  
E9 1 MEBENVET/CN  
E10 1 MEBERYT/CN  
E11 1 MEBETIDE/CN  
E12 1 MEBETIZOL/CN  
E13 1 MEBETIZOLE/CN  
E14 1 MEBETUS/CN  
E15 1 MEBEVERINE/CN  
E16 1 MEBEVERINE HYDROCHLORIDE/CN  
E17 1 MEBEX/CN  
E18 1 MEBEZONIUM IODIDE/CN  
E19 1 MEBHYDROLIN/CN  
E20 1 MEBHYDROLIN DISULFONATE/CN  
E21 1 MEBHYDROLIN N-OXIDE/CN  
E22 1 MEBHYDROLIN NAPADISYLATE/CN  
E23 1 MEBHYDROLINE N-OXIDE HYDROCHLORIDE/CN  
E24 1 MEBICAR/CN

E25

1 MEBICAR A/CN

=> S E3

L1 1 MEBENDAZOLE/CN

=> DIS L1 1 SQIDE

THE ESTIMATED COST FOR THIS REQUEST IS 6.15 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 31431-39-7 REGISTRY  
CN Carbamic acid, (5-benzoyl-1H-benzimidazol-2-yl)-, methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Benzimidazolecarbamic acid, 5-benzoyl-, methyl ester (8CI)

OTHER NAMES:

CN (5-Benzoyl-1H-benzimidazol-2-yl)carbamic acid methyl ester

CN 5-Benzoyl-2-benzimidazolecarbamic acid methyl ester

CN Bantenol

CN Besantin

CN Equivurm Plus

CN Lomper

CN **Mebendazole**

CN Mebenvet

CN Mebex

CN Methyl 5-benzoyl-2-benzimidazolecarbamate

CN Methyl 5-benzoyl-2-benzimidazolylcarbamate

CN Noverme

CN NSC 184849

CN Ovitelmin

CN Pantelmin

CN R 17635

CN Telmin

CN Vermicidin

CN Vermirax

CN Vermox

CN Verpanyl

FS 3D CONCORD

DR 52776-90-6

MF C16 H13 N3 O3

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PHAR, PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, ULIDAT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

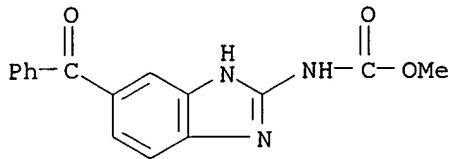
DT.CA Cplus document type: Conference; Dissertation; Journal; Patent; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

901 REFERENCES IN FILE CA (1907 TO DATE)  
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 901 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
6.87	7.08

FILE 'CAPLUS' ENTERED AT 08:09:14 ON 08 NOV 2005  
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FILE COVERS 1907 - 8 Nov 2005 VOL 143 ISS 20  
 FILE LAST UPDATED: 7 Nov 2005 (20051107/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
 They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l1  
 L2 901 L1  
  
 => s cancer? or tumor? or neoplas?  
 274515 CANCER?  
 407792 TUMOR?  
 428147 NEOPLAS?  
 L3 675215 CANCER? OR TUMOR? OR NEOPLAS?

=> s 13 (1) 12  
 L4 10 L3 (L) L2

=> s apopto? or (cell death)  
 112734 APOPTO?  
 1983301 CELL  
 1742954 CELLS

2634207 CELL  
(CELL OR CELLS)  
127711 DEATH  
10360 DEATHS  
135132 DEATH  
(DEATH OR DEATHS)  
53844 CELL DEATH  
(CELL(W) DEATH)  
L5 135217 APOPTO? OR (CELL DEATH)

=> s 14 not py>2000  
5160221 PY>2000  
L6 3 L4 NOT PY>2000

=> d ibib 1-3

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1985:571465 CAPLUS  
DOCUMENT NUMBER: 103:171465  
TITLE: Computer-assisted structure-anticancer activity correlations of carbamates and thiocarbamates  
AUTHOR(S): Nasr, Mohamed; Paull, Kenneth D.; Narayanan, V. L.  
CORPORATE SOURCE: Starks C. P., Rockville, MD, 20852, USA  
SOURCE: Journal of Pharmaceutical Sciences (1985), 74(8), 831-6  
CODEN: JPMSAE; ISSN: 0022-3549  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1977:83665 CAPLUS  
DOCUMENT NUMBER: 86:83665  
TITLE: Embryotoxic and antimitotic properties of benzimidazole compounds  
AUTHOR(S): Delatour, P.; Richard, Y.  
CORPORATE SOURCE: Lab. Toxicol. Virol., Ec. Natl. Vet. Lyon, Lyons, Fr.  
SOURCE: Therapie (1976), 31(4), 505-15  
CODEN: THERAP; ISSN: 0040-5957  
DOCUMENT TYPE: Journal  
LANGUAGE: French

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1976:144910 CAPLUS  
DOCUMENT NUMBER: 84:144910  
TITLE: Embryotoxic and antimitotic properties of parbendazole, mebendazole and cambendazole  
AUTHOR(S): Delatour, Paul; Lorgue, Guy; Lapras, Michel; Richard, Yves  
CORPORATE SOURCE: Lab. Toxicol., Ec. Natl. Vet. Lyon, Lyons, Fr.  
SOURCE: Comptes Rendus des Seances de l'Academie des Sciences, Serie D: Sciences Naturelles (1976), 282(5), 517-18  
CODEN: CHDDAT; ISSN: 0567-655X  
DOCUMENT TYPE: Journal  
LANGUAGE: French

=> d ibib abs 1

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1985:571465 CAPLUS  
DOCUMENT NUMBER: 103:171465  
TITLE: Computer-assisted structure-anticancer activity correlations of carbamates and thiocarbamates

AUTHOR(S): Nasr, Mohamed; Paull, Kenneth D.; Narayanan, V. L.  
CORPORATE SOURCE: Starks C. P., Rockville, MD, 20852, USA  
SOURCE: Journal of Pharmaceutical Sciences (1985), 74(8),  
831-6  
CODEN: JPMSAE; ISSN: 0022-3549  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB With the aid of the computer, .apprx.8000 compds. that incorporate a carbamate or thiocarbamate moiety, which have been tested as potential anticancer agents at the National Cancer Institute (NCI), were classified and their structure-activity correlations against the in vivo P-388 and L-1210 leukemias were evaluated. Aromatic carbamates and thiocarbamates had good activity against P-388 and poor activity against L-1210. The majority of active compds. in this series of aromatic carbamates possessed a 2- or 4-heteroatom-substituted Ph attached to the carbamate O atom or the thiocarbamate S atom with the carbamate N atom as NHMe. The N-Ph carbamates were much less active against P-388 than the Ph carbamates; only bis-N-Ph carbamates with a methylene bridge between the 2 Ph groups showed good activity against both P-388 and L-1210 leukemias. Except for the mycophenolic acid carbamates, the fused Ph carbamates showed poor activity against both P-388 and L-1210 leukemias. Certain N-heterocyclic carbamates and carbamates with heteroatom substituents were selected by the NCI for development toward clin. trials. The nature of the heterocyclic carrier and the position of attachment to the carbamate moiety have a major role on the mode of action of the antitumor activity of these compds.

=> d his

(FILE 'HOME' ENTERED AT 08:08:06 ON 08 NOV 2005)

FILE 'REGISTRY' ENTERED AT 08:08:26 ON 08 NOV 2005  
E "MEBENDAZOLE"/CN 25

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 08:09:14 ON 08 NOV 2005

L2 901 S L1  
L3 675215 S CANCER? OR TUMOR? OR NEOPLAS?  
L4 10 S L3 (L) L2  
L5 135217 S APOPTO? OR (CELL DEATH)  
L6 3 S L4 NOT PY>2000

=> s 15 (1) 12  
L7 1 L5 (L) L2

=> d ibib 1

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2003:69732 CAPLUS  
DOCUMENT NUMBER: 139:30325  
TITLE: The anthelmintic drug mebendazole induces mitotic arrest and apoptosis by depolymerizing tubulin in non-small cell lung cancer cells  
AUTHOR(S): Sasaki, Ji-ichiro; Ramesh, Rajagopal; Chada, Sunil; Gomyo, Yoshihito; Roth, Jack A.; Mukhopadhyay, Tapas  
CORPORATE SOURCE: Section of Thoracic Molecular Oncology, Departments of Thoracic and Cardiovascular Surgery, The University of Texas M. D. Anderson Cancer Center, Houston, TX, 77030, USA  
SOURCE: Molecular Cancer Therapeutics (2002), 1(13), 1201-1209  
CODEN: MCTOCF; ISSN: 1535-7163  
PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l4 not py>2001  
4214799 PY>2001  
L8 3 L4 NOT PY>2001

=> s l4 not py>2002  
3226675 PY>2002  
L9 5 L4 NOT PY>2002

=> d ibib 1-2

L9 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2003:69732 CAPLUS  
DOCUMENT NUMBER: 139:30325  
TITLE: The anthelmintic drug mebendazole induces mitotic arrest and apoptosis by depolymerizing tubulin in non-small cell lung cancer cells  
AUTHOR(S): Sasaki, Ji-ichiro; Ramesh, Rajagopal; Chada, Sunil; Gomyo, Yoshihito; Roth, Jack A.; Mukhopadhyay, Tapas  
CORPORATE SOURCE: Section of Thoracic Molecular Oncology, Departments of Thoracic and Cardiovascular Surgery, The University of Texas M. D. Anderson Cancer Center, Houston, TX, 77030, USA  
SOURCE: Molecular Cancer Therapeutics (2002), 1(13), 1201-1209  
PUBLISHER: CODEN: MCTOFC; ISSN: 1535-7163  
DOCUMENT TYPE: American Association for Cancer Research  
LANGUAGE: Journal  
REFERENCE COUNT: English  
40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2002:781148 CAPLUS  
DOCUMENT NUMBER: 138:331299  
TITLE: Mebendazole elicits a potent antitumor effect on human cancer cell lines both in vitro and in vivo  
AUTHOR(S): Mukhopadhyay, Tapas; Sasaki, Ji-ichiro; Ramesh, Rajagopal; Roth, Jack A.  
CORPORATE SOURCE: Department of Thoracic and Cardiovascular Surgery, The University of Texas M. D. Anderson Cancer Center, Houston, TX, 77030, USA  
SOURCE: Clinical Cancer Research (2002), 8(9), 2963-2969  
PUBLISHER: CODEN: CCREF4; ISSN: 1078-0432  
DOCUMENT TYPE: American Association for Cancer Research  
LANGUAGE: Journal  
REFERENCE COUNT: English  
30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s pctfull  
0 PCTFULL  
L10 0 PCTFULL

=> file pctfull  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
31.75	38.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

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FILE LAST UPDATED: 2 NOV 2005 <20051102/UP>  
MOST RECENT UPDATE WEEK: 200543 <200543/EW>  
FILE COVERS 1978 TO DATE

>>> IMAGES ARE AVAILABLE ONLINE AND FOR EMAIL-PRINTS <<<

>>> KWIC format free of charge - SEE NEWS >>>

=> s mebendazole/cn  
'CN' IS NOT A VALID FIELD CODE  
L11 0 MEBENDAZOLE/CN

=> s mebendazole  
L12 350 MEBENDAZOLE

=> s cancer? or tumor? or neoplas?  
72762 CANCER?  
60978 TUMOR?  
20988 NEOPLAS?  
L13 90821 CANCER? OR TUMOR? OR NEOPLAS?

=> s l13 and l12  
L14 182 L13 AND L12

=> s l12/clm  
L15 48 (MEBENDAZOLE/CLM)

=> s l13/clm  
20486 CANCER?/CLM  
14176 TUMOR?/CLM  
3390 NEOPLAS?/CLM  
L16 29499 (CANCER?/CLM OR TUMOR?/CLM OR NEOPLAS?/CLM)

=> s l16 and l15  
L17 10 L16 AND L15

=> s l17 not py>2001  
428385 PY>2001  
L18 1 L17 NOT PY>2001

=> d ibib

L18 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2005 Univentio on STN  
ACCESSION NUMBER: 1998018610 PCTFULL ED 20020514  
TITLE (ENGLISH): EMBEDDING AND ENCAPSULATION OF CONTROLLED RELEASE  
PARTICLES  
TITLE (FRENCH): INCLUSION ET ENCAPSULATION DE PARTICULES A LIBERATION  
CONTROLEE  
INVENTOR(S): VAN LENGERICH, Bernhard, H.  
PATENT ASSIGNEE(S): VAN LENGERICH, Bernhard, H.  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
-----		

WO 9818610

A1 19980507

DESIGNATED STATES

W: AU CA JP NO PL US AT BE CH DE DK ES FI FR GB GR IE IT

LU MC NL PT SE

APPLICATION INFO.:

WO 1997-US18984 A 19971027

PRIORITY INFO.:

US 1996-60/029,038 19961028

US 1997-60/052,717 19970716

=> d kwic

L18 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2005 Univentio on STN

CLMEN. . . mafenide acetate, magaldrte, magnesium carbonate,  
magnesiumchloride,  
magnesium gluconate, magnesium oxide, other magnesium salts, malathinon,  
manganese salts, manganese, maprotiline hydrochloride, mazindol, measles  
virus  
vaccine, **mebendazole**, mebrofenin, mecamylamine hydrochloride,  
meclizine  
hydrochloride, meclocycline, meclofenamate sodium, medroxyprogesterone  
acetate, mefenamic acid, megestrol acetate, meglumine, melphalan,  
menadiol  
sodium diphosphate, menadione, menotropine, meperidine, mephentytoin,  
mephobarbital, . . .  
. . .  
antibiotics, nutritional supplements, enzymes, fonnations  
containing zidovudine, macromolecular polypeptides, aromatic nitro and  
nitroso  
compounds and their metabolites useful as anti-viral and anti  
**tumor** agents, HIV  
protease inhibitors, antibiotics, viruses, pigments, steroids,  
oligopeptides,  
dipeptides, amino acids, flavor components, fragrance components,  
detergents  
and surface-active components, lipid derivatives of. . .

=> d his

(FILE 'HOME' ENTERED AT 08:08:06 ON 08 NOV 2005)

FILE 'REGISTRY' ENTERED AT 08:08:26 ON 08 NOV 2005

E "MEBENDAZOLE"/CN 25

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 08:09:14 ON 08 NOV 2005

L2 901 S L1

L3 675215 S CANCER? OR TUMOR? OR NEOPLAS?

L4 10 S L3 (L) L2

L5 135217 S APOPTO? OR (CELL DEATH)

L6 3 S L4 NOT PY>2000

L7 1 S L5 (L) L2

L8 3 S L4 NOT PY>2001

L9 5 S L4 NOT PY>2002

L10 0 S PCTFULL

FILE 'PCTFULL' ENTERED AT 08:14:06 ON 08 NOV 2005

L11 0 S MEBENDAZOLE/CN

L12 350 S MEBENDAZOLE

L13 90821 S CANCER? OR TUMOR? OR NEOPLAS?

L14 182 S L13 AND L12

L15 48 S L12/CLM

L16 29499 S L13/CLM  
L17 10 S L16 AND L15  
L18 1 S L17 NOT PY>2001

=> s 112/ab  
L19 2 (MEBENDAZOLE/AB)

=> s 119 and 113  
L20 2 L19 AND L13

=> d ibib 1-2

L20 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2005 Univentio on STN  
ACCESSION NUMBER: 2005018623 PCTFULL ED 20050309 EW 200509  
TITLE (ENGLISH): PARENTERAL AND ORAL FORMULATIONS OF BENZIMIDAZOLES  
TITLE (FRENCH): FORMULATIONS PARENTERALES ET ORALES DE BENZIMIDAZOLES  
INVENTOR(S): CHOW, Diana, Shu-Lian, 11730 Winshire Circle, Houston,  
TX 77024, US [CA, US];  
LIANG, Dong, 11504 Ivory Creek Drive, Pearland, TX  
77584, US [US, US]

PATENT ASSIGNEE(S): THE UNIVERSITY OF HOUSTON, 4800 Calhoun Road, Houston,  
TX 77204, US [US, US], for all designates States except  
US;  
CHOW, Diana, Shu-Lian, 11730 Winshire Circle, Houston,  
TX 77024, US [CA, US], for US only;  
LIANG, Dong, 11504 Ivory Creek Drive, Pearland, TX  
77584, US [US, US], for US only

AGENT: HIGHLANDER, Steven, L.S., Fulbright & Jaworski, LLP, 600  
Congress Avenue, Suite 2400, Austin, Texas 78701\$, US

LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005018623	A2	20050303

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO  
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC  
VN YU ZA ZM ZW

BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

AM AZ BY KG KZ MD RU TJ TM

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

WO 2004-US26168 A 20040812

PRIORITY INFO.: US 2003-60/640,467 20030813

L20 ANSWER 2 OF 2 PCTFULL COPYRIGHT 2005 Univentio on STN  
ACCESSION NUMBER: 2004047842 PCTFULL ED 20040615 EW 200424  
TITLE (ENGLISH): TREATMENT OF IMMUNE SYSTEM DYSFUNCTION  
TITLE (FRENCH): TRAITEMENT D'UN DYSFONCTIONNEMENT DU SYSTEME  
IMMUNITAIRE

INVENTOR(S): SCHEEPERS, Charles, 101 Lynwool Flats, Hope Street,  
8001 Cape Town, ZA [ZA, ZA]

PATENT ASSIGNEE(S): MOORE, Bronwyn, 8 Oak Street, 7925 Observatory, ZA [ZA,  
ZA], for all designates States except US;  
MOORE, David, Daniel, 8 Oak Street, 7925 Observatory,  
ZA [ZA, ZA], for all designates States except US;  
SCHEEPERS, Charles, 101 Lynwool Flats, Hope Street,

AGENT: 8001 Cape Town, ZA [ZA, ZA], for US only  
TRUTER, Kenneth, Colin\$, Adams & Adams, 3203 Absa Bank  
Building, Heerengracht, P O Box 1513, 8001 Cape Town\$,  
ZA

LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2004047842	A1	20040610

DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2003-IB3888 A 20030912

PRIORITY INFO.: ZA 2002-2002/9680 20021128

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 43210-67-9 REGISTRY  
CN Carbamic acid, [5-(phenylthio)-1H-benzimidazol-2-yl]-, methyl ester (9CI)  
(CA INDEX NAME)

OTHER NAMES:

CN 2-(Methoxycarbonylamino)-5-(phenylthio)benzimidazole

CN Febendazole

CN Fenbendazol

CN **Fenbendazole**

CN Fenbion

CN HOE 881

CN Methyl 5-(phenylthio)-2-benzimidazolecarbamate

CN Methyl [5-(phenylthio)-1H-benzimidazol-2-yl]carbamate

CN Panacur

CN Safe-Guard

FS 3D CONCORD

DR 53571-02-1

MF C15 H13 N3 O2 S

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS,  
CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT,  
IFIUDB, IPA, MEDLINE, MRCK\*, NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO,  
TOXCENTER, ULIDAT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

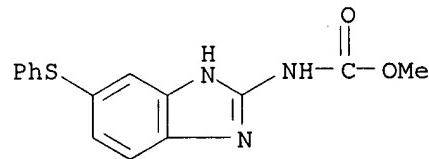
DT.CA CAplus document type: Conference; Dissertation; Journal; Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study); BIOL (Biological study); PREP (Preparation); PROC (Process)



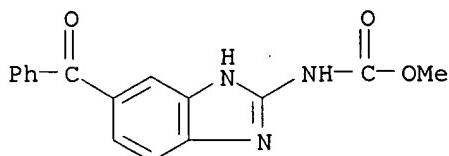
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

647 REFERENCES IN FILE CA (1907 TO DATE)

8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

648 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 31431-39-7 REGISTRY  
 CN Carbamic acid, (5-benzoyl-1H-benzimidazol-2-yl)-, methyl ester (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Benzimidazolecarbamic acid, 5-benzoyl-, methyl ester (8CI)  
 OTHER NAMES:  
 CN (5-Benzoyl-1H-benzimidazol-2-yl)carbamic acid methyl ester  
 CN 5-Benzoyl-2-benzimidazolecarbamic acid methyl ester  
 CN Bantenol  
 CN Besantin  
 CN Equivurm Plus  
 CN Lomper  
 CN **Mebendazole**  
 CN Mebenvet  
 CN Mebex  
 CN Methyl 5-benzoyl-2-benzimidazolecarbamate  
 CN Methyl 5-benzoyl-2-benzimidazolylcarbamate  
 CN Noverme  
 CN NSC 184849  
 CN Ovitelmin  
 CN Pantelmin  
 CN R 17635  
 CN Telmin  
 CN Vermicidin  
 CN Vermirax  
 CN Vermox  
 CN Verpanyl  
 FS 3D CONCORD  
 DR 52776-90-6  
 MF C16 H13 N3 O3  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,  
     BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
     CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES,  
     DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS,  
     IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PHAR,  
     PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, ULIDAT, USAN, USPATFULL,  
     VETU  
     (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, WHO  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA CAplus document type: Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
     PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
     reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
     study); PREP (Preparation); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
     study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP  
     (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
     study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation);  
     PRP (Properties); RACT (Reactant or reagent); USES (Uses)



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901 REFERENCES IN FILE CA (1907 TO DATE)

16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

901 REFERENCES IN FILE CAPLUS (1907 TO DATE)